

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2016 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

Waterway			Bank	Unit Miles
Unit No. 01 Georgiana Slough			Right	5.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/9/2016 - 3/9/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. DuWain Silva RD 556			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start		Rating **	M	Issue No.	3
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_3				
Comment Code					
Inspector Comment					
The members in the district have not been flood fight trained recently according to the district manager.					

No Photos

LM Start		Rating **	M	Issue No.	6
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0556_01_s_2012_6				
Comment Code					
Inspector Comment					
District president has the O&M Manual.					

No Photos

LM Start		Rating **	M	Issue No.	8
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0556_01_f_2014_8				
Comment Code					
Inspector Comment					
According to the district manager, when they need supplies they will order them, there are no supplies stored.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.07	Rating **	M	Issue No.	381
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.238169 °	38.227962 °
				-121.518199 °	-121.531170 °
DWR ID	DWR_RD0556_01_f_2013_381				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the growth from the water side levee slope.					

No Photos

LM Start	0.17	Rating **	A/W	Issue No.	25
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.236738 °	38.216233 °
				-121.518073 °	-121.542697 °
DWR ID	DWR_RD0556_01_s_2016_25				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_25\_20160512\_00053.jpg



RD 556 Looking downstream from the landside slope levee mile 0.17-2.59

LM Start	0.33	Rating **	M	Issue No.	31
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.234682 °	38.231795 °
				-121.519282 °	-121.522350 °
DWR ID	DWR_RD0556_01_s_2016_31				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.44	Rating **	M	Issue No.	383
LM End	0.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.233537 °	38.233537 °
				-121.520483 °	-121.520483 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45564					
DS_ID:20820					
EP_NO: 3448					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Dense vegetation inhibited visibility of gasline marker on WS. Need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: 4-1/2-inch steel pipe gas line through levee, 4.0 feet below the crown. Location marker on waterward shoulder. (App. 3448-PG&E pipe not located 2/91). Cut in pavement visible at crossing.					
Gasline marker on LS and opposite bank at RD 263.					
FS Date: 5/27/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_45564\_74151.jpg



Gasline marker present on LS.

LM Start	<b>0.44</b>	Rating **	M	Issue No.	<b>383 (cont)</b>
LM End	<b>0.44</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2016\_45564\_74146.jpg



View of WS; cut in pavement in alignment with arrow and Olivia indicating location of crossing trench.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.53	Rating **	M	Issue No.	384
LM End	0.53	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232450 °	38.232450 °
				-121.521624 °	-121.521624 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:45663  
DS\_ID:20821  
EP\_NO: 5548  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Dense vegetation prevents inspection of WS slope.  
FIELD\_STRUCT\_DESC: 12-inch steel pipe through levee, 5.0 feet below crown. 1-1/4-inch electrical conduit through the levee. Concrete steps on landward slope. Pump off landward toe. Cuts visible on pavement. (App. 5548).  
FS Date: 5/13/2015

LM Start	<b>0.53</b>	Rating **	M	Issue No.	<b>384 (cont)</b>
LM End	<b>0.53</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_45663\_74180.jpg



Concrete steps on LS slope.

Photo 2 of 2 : UCIP\_SP\_2016\_45663\_74181.jpg



View of WS with cuts visible on pavement.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.54	Rating **	M	Issue No.	385
LM End	0.54	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.232354 °	38.232354 °
				-121.521727 °	-121.521727 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:45664  
DS\_ID:20826  
EP\_NO: 5548A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Dense vegetation prevented inspection of WS slope.  
FIELD\_STRUCT\_DESC: 14-inch pipe through levee 5.0 feet below the crown. Pole with panel and standpipe on landward toe (5548A- Kay Dix Ranch 1986).  
FS Date: 5/27/2015

LM Start	<b>0.54</b>	Rating **	M	Issue No.	<b>385 (cont)</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_45664\_74190.jpg



View of LS with standpipe visible behind tree.

Photo 2 of 2 : UCIP\_SP\_2016\_45664\_74191.jpg



View of WS with cuts visible on pavement.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.80	Rating **	M	Issue No.	12
LM End	3.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.229459 °	38.208959 °
				-121.524805 °	-121.541368 °
DWR ID	DWR_RD0556_01_s_2012_12				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Exterminate rodents and backfill the borrows on the landside levee slope.					

No Photos

LM Start	0.88	Rating **	M	Issue No.	33
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.228758 °	38.228437 °
				-121.525815 °	-121.526430 °
DWR ID	DWR_RD0556_01_s_2016_33				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.93	Rating **	U	Issue No.	10
LM End	1.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.228295 °	38.225368 °
				-121.526688 °	-121.534677 °
DWR ID	DWR_RD0556_01_f_2015_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Remove the woody tree growth from the landside levee section.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_10\_20160223\_00003.jpg



Unsatisfactory woody tree growth on the landside shoulder and slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	382
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227534 °	38.227534 °
				-121.529396 °	-121.529396 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:46799  
DS\_ID:25106  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Possible erosion above pipe on LS needs attention.  
FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe unknown feet below crown visible on LS 6 ft away from 10-inch pipe. Post likely for protection of vent located off the crown on shoulder. Electric pole next to pipe on LS.  
FS Date: 5/27/2015

LM Start	<b>1.17</b>	Rating **	M	Issue No.	<b>382 (cont)</b>
LM End	<b>1.17</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_46799\_74739.jpg



LS view: 8-inch pipe off LS slope with possible erosion above pipe (circled).

Photo 2 of 2 : UCIP\_SP\_2016\_46799\_74740.jpg



LS view: Post located above pipe on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.17	Rating **	M	Issue No.	386
LM End	1.17	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227568 °	38.227568 °
				-121.529489 °	-121.529489 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45683 DS_ID:20823 EP_NO: 11169 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned in place and if so should be done so properly. Desnse vegetation on WS limits visibility. FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.8 feet below crown. (Lower end of rock revetment)(ABO 11169 - Mealer and 4848). Abandoned in place. O&M Manual Sac 103, June 1954 FS Date: 5/27/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_45683\_74200.jpg



LS view of pipe appearing abandoned in place.

LM Start	<b>1.17</b>	Rating **	M	Issue No.	<b>386 (cont)</b>
LM End	<b>1.17</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP\_SP\_2016\_45683\_74201.jpg



Closeup of abandoned pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.33	Rating **	M	Issue No.	387
LM End	1.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.227622 °	38.227622 °
				-121.532154 °	-121.532154 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45692 DS_ID:20825 EP_NO: 13302 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Seal beneath siphon breaker off LS toe leaking. Rodent activity near crown off LS shoulder. Need to contact owner about leaky seal. Dense vegetation prevented inspection of WS slope. FIELD_STRUCT_DESC: 6-inch steel pipe and 2-inch GI electrical conduit through levee 2 feet below crown; roadway with siphon valve on landward shoulder. Concrete stand and pump on landward toe; circuit box also. Cuts visible on pavement. 6-inch PVC standpipe adjacent to pipe off LS toe. (Kay Dix Ranch App. 13302). O&M Manual Sac 103, June 1954 FS Date: 5/27/2015					

LM Start	1.33	Rating **	M	Issue No.	387 (cont)
LM End	1.33	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_45692\_74204.jpg



Pipe, standpipe, electrical box at LS toe. Pumphouse in bush behind electrical box.

Photo 2 of 2 : UCIP\_SP\_2016\_45692\_74205.jpg



WS view and cuts visible on pavement.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Spring 2016

### Reclamation District No. 0556 Upper Andrus

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.34	Rating **	U	Issue No.	27
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.227521 °	38.227320 °
				-121.532393 °	-121.532710 °
DWR ID	DWR_RD0556_01_s _ 2013_27				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the pile of asphalt and concrete from the toe of levee.					

LM Start	<b>1.34</b>	Rating **	U	Issue No.	<b>27 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP\_2016\_RD0556\_18\_27\_20160512\_00054.jpg



Unauthorized pile of and concrete placed along the landside within 10-foot of the levee toe.

Photo 2 of 2 : SP\_2016\_RD0556\_18\_27\_20160512\_00055.jpg



Unauthorized pile of asphalt and concrete pipe within 10-foot of landward toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.57	Rating **	M	Issue No.	388 (cont)
LM End	1.57	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.225001 °	38.225001 °
				-121.535007 °	-121.535007 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45743					
DS_ID:20827					
EP_NO: 11169					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Dense vegetation on LS and WS limited accessibility.					
FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 3.5 feet below crown. Pump and gate valve on WS berm. 2-inch electrical conduit into WS slope. A 36-inch concrete standpipe and concrete block step on Landward Slope. (Listed as 10-inch in ABO 11169 - Mealer). O&M Manual Sac 103, June 1954					
FS Date: 5/27/2015					

Photo 2 of 2 : UCIP\_SP\_2016\_45743\_74241.jpg



Service pole next to standpipe off LS toe.

LM Start	1.65	Rating **	M	Issue No.	17
LM End	1.70	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224623 °	38.224408 °
				-121.536320 °	-121.537180 °
DWR ID	DWR_RD0556_01_s_2012_17				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.74	Rating **	U	Issue No.	74
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224198 °	38.220853 °
				-121.537987 °	-121.544360 °
DWR ID	DWR_RD0556_01_f_2015_74				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
This arundo needs to be removed, this vegetation blocks the view of the waterside slope.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_74\_20160223\_00014.jpg



Levee mile 1.74-2.00 waterside wild growth of arundo present on levee shoulder and slope, unable to see the ground.

LM Start	1.79	Rating **	M	Issue No.	389
LM End	1.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223999 °	38.223999 °
				-121.538735 °	-121.538735 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45746 DS_ID:20828 EP_NO: 3735 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on LS and WS limited accessibility. FIELD_STRUCT_DESC: 4-inch electric conduit through levee, 4.0 feet below the crown. Pump on berm. Underground submarine cable crossing. (App. 3735-PG&E). Electric pole on LS in alignment with cuts in pavement. FS Date: 5/27/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_45746\_74250.jpg



View of WS and cuts in pavement.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.79	Rating **	M	Issue No.	389 (cont)
LM End	1.79	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223999 °	38.223999 °
				-121.538735 °	-121.538735 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45746 DS_ID:20828 EP_NO: 3735 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Dense vegetation on LS and WS limited accessibility. FIELD_STRUCT_DESC: 4-inch electric conduit through levee, 4.0 feet below the crown. Pump on berm. Underground submarine cable crossing. (App. 3735-PG&E). Electric pole on LS in alignment with cuts in pavement. FS Date: 5/27/2015					

Photo 2 of 2 : UCIP\_SP\_2016\_45746\_74251.jpg



Cuts in pavement in alignment with electric pole off LS toe.

LM Start	1.89	Rating **	M	Issue No.	390
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223760 °	38.223760 °
				-121.540629 °	-121.540629 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45764 DS_ID:20829 EP_NO: 11178 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on WS and LS. Some oil leakage inside pumphouse. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through levee, 3.7 feet below crown. 2-inch electric conduit through levee next to 8-inch. A 1-inch air valve and pump on berm. Service pole on landward slope. Tin and wood pump house on berm. A 12-ft x 36-inch concrete standpipe on landside. (ABO- 11178 - Swett). O&M Manual Sac 103, June 1954 FS Date: 5/27/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_45764\_74260.jpg



LS view: service pole on LW slope. Standpipe not visible in photo.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.89	Rating **	M	Issue No.	390 (cont)
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.223760 °	38.223760 °
				-121.540629 °	-121.540629 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45764 DS_ID:20829 EP_NO: 11178 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on WS and LS. Some oil leakage inside pumphouse. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through levee, 3.7 feet below crown. 2-inch electric conduit through levee next to 8-inch. A 1-inch air valve and pump on berm. Service pole on landward slope. Tin and wood pump house on berm. A 12-ft x 36-inch concrete standpipe on landside. (ABO- 11178 - Swett). O&M Manual Sac 103, June 1954 FS Date: 5/27/2015					

Photo 2 of 2 : UCIP\_SP\_2016\_45764\_74261.jpg



Pole on LS slope with electric box and 2-inch conduit.

LM Start	2.13	Rating **	M	Issue No.	391
LM End	2.13	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.222560 °	38.222560 °
				-121.544485 °	-121.544485 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45786 DS_ID:20830 EP_NO: 2392 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12 inch steel irrigation pipe through levee, 3.0 feet below crown. Slant pump on bank. 1-inch electrical conduit through levee beside 12-inch pipe, visible on WS. Service pole and 2 standpipes at LW toe, one of which is a 6-inch standpipe. (App. 2392 - Swett) FS Date: 5/27/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_45786\_74280.jpg



WS view: Slant pump, 12-inch and 1-inch pipe through levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.13	Rating **	M	Issue No.	391 (cont)	
LM End	2.13	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.222560 °	38.222560 °	
				-121.544485 °	-121.544485 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:45786 DS_ID:20830 EP_NO: 2392 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Hole and exposed depression adjacent to pipe at LS. Dense vegetation on WS and LS limited visibility. FIELD_STRUCT_DESC: 12 inch steel irrigation pipe through levee, 3.0 feet below crown. Slant pump on bank. 1-inch electrical conduit through levee beside 12-inch pipe, visible on WS. Service pole and 2 standpipes at LW toe, one of which is a 6-inch standpipe. (App. 2392 - Swett) FS Date: 5/27/2015						

Photo 2 of 2 : UCIP\_SP\_2016\_45786\_74281.jpg



View toward WS with cuts in pavement in alignment with pipe on WS

LM Start	2.29	Rating **	M	Issue No.	37
LM End	2.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.220317 °	38.213990 °
				-121.544170 °	-121.538848 °
DWR ID	DWR_RD0556_01_s_2016_37				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.32	Rating **	U	Issue No.	24
LM End	2.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.219822 °	38.219592 °
				-121.544000 °	-121.543927 °
DWR ID	DWR_RD0556_01_s_2012_24				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Unable to see the levee section for heavy growth of trees. Remove them or thin them out so the slope can be seen.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_24\_20160512\_00058.jpg



Looking downstream from levee mile 2.32- 2.34 woody growth of fig trees blocking the view of the levee slope and toe.

LM Start	2.44	Rating **	U	Issue No.	392
LM End	2.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.218242 °	38.218242 °
				-121.543807 °	-121.543807 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45803 DS_ID:20831 EP_NO: 11169 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2'x2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8 inch steel irrigation pipe through levee, 3.7 feet below crown. Pump and switch panel on berm. Service pole on landward side. A 9 ft x 36-inch concrete standpipe on landside of the levee. 3 cables encased in 1.5-inch steel pipe at WS alongside 8-inch pipe, disconnected at WS. (ABO 11169-Mealer). O&M Manual Sac 103, June 1954. FS Date: 5/27/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_45803\_74285.jpg



Pipe, pump @LS toe. 2'x2' hole off shoulder. Spigot in hole possibly for irrigation. House and service pole in background.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.44	Rating **	U	Issue No.	392 (cont)
LM End	2.44	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.218242 °	38.218242 °
				-121.543807 °	-121.543807 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45803 DS_ID:20831 EP_NO: 11169 Repair Type: Urgent Crossing Status: Found UCIP Comments: 2'x2' hole on levee off LS shoulder. FIELD_STRUCT_DESC: 8 inch steel irrigation pipe through levee, 3.7 feet below crown. Pump and switch panel on berm. Service pole on landward side. A 9 ft x 36-inch concrete standpipe on landside of the levee. 3 cables encased in 1.5-inch steel pipe at WS alongside 8-inch pipe, disconnected at WS. (ABO 11169-Mealer). O&M Manual Sac 103, June 1954. FS Date: 5/27/2015					

Photo 2 of 2 : UCIP\_SP\_2016\_45803\_74286.jpg



Closeup of 8-inch pipe, electrical conduit and box at LS berm.

LM Start	2.71	Rating **	M	Issue No.	393
LM End	2.71	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.215222 °	38.215222 °
				-121.540950 °	-121.540950 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:45883 DS_ID:20848 EP_NO: 11167 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears out of use; if so, coordinate with owner to abandon properly per Title 23. FIELD_STRUCT_DESC: 8-inch steel casing with 3-inch steel irrigation pipeline sleeved through it, 3.0 feet below crown. Annular space appears grouted. 3-inch pipe connected to pump on WS. Gate valve on waterward berm. Pipe not in use. PVC standpipe off LS toe (previously 6'x36" concrete standpipe). (ABO 11167 - Graham). O&M Manual Sac 103, June 1954 FS Date: 6/5/2015 8:11:00 AM					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.73	Rating **	U	Issue No.	11
LM End	2.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.221505 °	38.214981 °
				-121.540594 °	-121.540431 °
DWR ID	DWR_RD0556_01_s_2016_11				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth of arundo covering the shoulder and slope landside.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_11\_20160512\_00066.jpg



Looking at levee mile 2.73 unwanted wild growth of arundo covering the landside shoulder and slope.

LM Start	2.74	Rating **	U	Issue No.	26
LM End	2.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.214981 °	38.214981 °
				-121.540431 °	-121.540431 °
DWR ID	DWR_RD0556_01_s_2016_26				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the fallen tree from the landside levee slope.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_26\_20160512\_00067.jpg



Looking at levee mile 2.74 landside there is a large fallen tree that is laying on the levee slope from the shoulder down to the toe.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.96	Rating **	M	Issue No.	63
LM End	2.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.212661 °	38.212328 °
				-121.537633 °	-121.537318 °
DWR ID	DWR_RD0556_01_s_2013_63				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the landside slope.					

No Photos

LM Start	3.03	Rating **	M	Issue No.	43
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211923 °	38.211707 °
				-121.536992 °	-121.536908 °
DWR ID	DWR_RD0556_01_s_2016_43				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	3.12	Rating **	U	Issue No.	78
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.211090 °	38.210927 °
				-121.537983 °	-121.538473 °
DWR ID	DWR_RD0556_01_f_2015_78				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Remove the arundo from the levee slope waterside.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_78\_20160223\_00015.jpg



Looking downstream from waterside shoulder, arundo blocking view of levee section.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	3.13	Rating **	M	Issue No.	62
LM End	3.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.211060 °	38.210913 °
				-121.538132 °	-121.538462 °
DWR ID	DWR_RD0556_01_f_2014_62				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					
Possible beaver den in area and there signs of activity at this location.					

No Photos

LM Start	3.17	Rating **	U	Issue No.	79
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210823 °	38.209983 °
				-121.538813 °	-121.540533 °
DWR ID	DWR_RD0556_01_f_2015_79				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the unsatisfactory growth of vegetation from the levee section.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_79\_20160223\_00016.jpg



Unsatisfactory woody tree growth and arundo blocking view of landside levee shoulder and slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	3.24	Rating **	U	Issue No.	46
LM End	3.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.210353 °	38.210353 °
				-121.539998 °	-121.539998 °
DWR ID	DWR_RD0556_01_s _ 2016_46				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repairs needed at this site before rainy season.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_46\_20160512\_00065.jpg



Looking from levee mile 3.24 landside slope. Erosion has occurred from gopher holes in slope.

LM Start	3.26	Rating **	M	Issue No.	48
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.210153 °	38.209977 °
				-121.540320 °	-121.540515 °
DWR ID	DWR_RD0556_01_s _2016_48				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	3.46	Rating **	U	Issue No.	23
LM End	3.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.207585 °	38.207585 °
				-121.541655 °	-121.541655 °
DWR ID	DWR_RD0556_01_f_2015_23				
Comment Code					
DE : Debris					
Inspector Comment					
Remove discarded concrete pipe and plant containers from the levee section.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_23\_20160512\_00062.jpg



Looking downstream of levee mile 3.46 discarded concrete pipe and plant containers on the waterside shoulder.

LM Start	3.53	Rating **	M	Issue No.	83
LM End	4.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.206568 °	38.200653 °
				-121.541810 °	-121.544667 °
DWR ID	DWR_RD0556_01_f_2015_83				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Thin out this growth of trees to allow viewing the levee slope and shoulder.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	3.74	Rating **	U	Issue No.	51
LM End	5.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.203577 °	38.186492 °
				-121.541025 °	-121.562487 °
DWR ID	DWR_RD0556_01_s_2016_51				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the arundo from the waterside shoulder and slope from 3.74-5.47.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_51\_20160512\_00063.jpg



Levee mile 3.74 - 5.47 arundo has taken over the waterside slope and shoulder.

LM Start	3.94	Rating **	U	Issue No.	70
LM End	4.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.201515 °	38.201105 °
				-121.542573 °	-121.543720 °
DWR ID	DWR_RD0556_01_f_2014_70				
Comment Code					
CR : Crops					
Inspector Comment					
Remove the unauthorized planter boxes, backfill and recompact the dirt and put back the slope destroyed by the landowner for gardening space.					

Photo 1 of 2 : SP\_2016\_RD0556\_18\_70\_20160223\_00010.jpg



Landowner has dug into waterward slope and placed planterboxes.

LM Start	<b>3.94</b>	Rating **	U	Issue No.	<b>70 (cont)</b>
LM End	<b>4.01</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : SP\_2016\_RD0556\_18\_70\_20160223\_00011.jpg



Continue placement of unauthorized planter boxes into levee slope waterside.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	4.04	Rating **	M	Issue No.	59
LM End	4.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.200897 °	38.192662 °
				-121.544350 °	-121.553160 °
DWR ID	DWR_RD0556_01_f _ 2012_59				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	4.07	Rating **	U	Issue No.	66
LM End	5.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.200659 °	38.186542 °
				-121.544711 °	-121.562411 °
DWR ID	DWR_RD0556_01_s_2013_66				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild vegetation and arundo from the landside shoulder and slope.					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_66\_20160512\_00064.jpg



Looking downstream from the landside shoulder and slope levee mile 4.07-5.47 arundo completely blocking the view of the levee section.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	5.12	Rating **	M	Issue No.	1
LM End	5.27	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.189775 °	38.188121 °
				-121.557729 °	-121.559413 °
DWR ID	DWR_RD0556_01_s _ 2016_1				
Comment Code					
Inspector Comment					
1997 - Toe damaged rock. 1999 - One pocket filled with gravel. 2000 - Eroding beach with some biotech rolls and stakes; some gravel on slope. 2001 - Staked, low fascine walls at bankline. 2005 - Stone revetment in between pockets. 2006 - New rock on upper slope behind brush boxes at the upstream end, Stone is sliding off the hard toe. 2015: Last observed in 2013. [2015 Site ID: GEO_7-0_R]					

Photo 1 of 1 : SP\_2016\_RD0556\_18\_1\_20160223\_00001.jpg



USACE 2013 Photo #1

LM Start	5.45	Rating **	U	Issue No.	54
LM End	5.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.186587 °	38.186587 °
				-121.562143 °	-121.562143 °
DWR ID	DWR_RD0556_01_s _ 2016_54				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Tree blown down storm damage land side. EROSION DAMAGE TO SLOPE AND SHOLDER.					

Photo 1 of 2 : SP\_2016\_RD0556\_18\_54\_20160512\_00059.jpg



Standing at levee mile 5.45 landside fallen tree blown over by storm.  
Erosion has occurred at location. Looking upstream.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough	Right	5.48	03/09/2016 03/09/2016	Herman Phillips

LM Start	5.45	Rating **	U	Issue No.	54 (cont)	
LM End	5.45	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.186587 °		38.186587 °
				-121.562143 °		-121.562143 °
DWR ID	DWR_RD0556_01_s _ 2016_54					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Tree blown down storm damage land side. EROSION DAMAGE TO SLOPE AND SHOLDER.						

Photo 2 of 2 : SP\_2016\_RD0556\_18\_54\_20160512\_00061.jpg



Standing at levee mile 5.45 looking downstream at fallen tree and bank erosion.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Reclamation District No. 0556 Upper Andrus**

Waterway			Bank	Unit Miles
Unit No. 02 Sacramento River			Left	5.72
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/9/2016 - 3/9/2016			
DWR Inspector	Herman Phillips			
Accompanied By	Mr. DuWain Silva RD 556			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	82
LM End	2.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.200550 °	38.234418 °
				-121.544190 °	-121.557940 °
DWR ID	DWR_RD0556_02_s _ 2013_82				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Waterside levee slope and shoulder is covered with wild tree growth and other unsatisfactory vegetation.					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_82\_20160512\_00056.jpg



RD 556 Unit 2 levee mile 0.00 looking at the water side levee slope.

LM Start	0.04	Rating **	M	Issue No.	28
LM End	5.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.239093 °	38.191797 °
				-121.518977 °	-121.567627 °
DWR ID	DWR_RD0556_02_s _ 2016_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.11	Rating **	M	Issue No.	29
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.238962 °	38.238283 °
				-121.520153 °	-121.525323 °
DWR ID	DWR_RD0556_02_s _ 2016_29				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.31	Rating **	M	Issue No.	12
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.238784 °	38.237862 °
				-121.523932 °	-121.529188 °
DWR ID	DWR_RD0556_02_s_2016_12				
Comment Code					
Inspector Comment					
2002 - Two rockd sections (150 ft long) at the downstream end.					
2005 - Lots of old brush boxes, some with established vegetation in the area behind the boxes. 2006 - Some small spots fixed with stone.					
2009 - Minimal new erosion, rock in the middle of the reach may be new. 2011 - Minor new erosion at the toe. 2013 - Minor new erosion.					
2015: Site is currently under construction. [2015 Site ID: SAC_26-0_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_12\_20160223\_00010.jpg



USACE 2013 Photo #1

LM Start	0.57	Rating **	U	Issue No.	66
LM End	1.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.237752 °	38.239821 °
				-121.528593 °	-121.542440 °
DWR ID	DWR_RD0556_02_f_2015_66				
Comment Code					
V7 : Trees / Woody Vegetation					
Inspector Comment					
Remove the wild growth and trim the trees off the levee slope.					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_66\_20160223\_00012.jpg



Looking downstream from the landside levee slope levee mile ,0.57.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	0.94	Rating **	M	Issue No.	90
LM End	0.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238125 °	38.238125 °
				-121.535267 °	-121.535267 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12512					
DS_ID:20851					
EP_NO: 11186					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - a concrete box on LS- water is leaking from priming plastic tank and causing surface erosion on levee slope.					
FIELD_STRUCT_DESC: 4-inch pipe through levee, 4.3-feet below crown. Pump in pump house on berm. Siphon breaker and service pole on landward slope. A concrete spillbox with 3-8-inch openings. (ABO #11186 - Marks). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>90 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_12512\_20245.jpg



WS- pump house on levee berm

Photo 2 of 2 : UCIP\_SP\_2016\_12512\_20244.jpg



LS- steel pipe on a concrete box

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.03	Rating **	M	Issue No.	2
LM End	1.15	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.238772 °	38.239265 °
				-121.536788 °	-121.538845 °
DWR ID	DWR_RD0556_02_s_2016_2				
Comment Code					
Inspector Comment					
1997 - Rock is in poor condition and has failed in many places. Scallops in berm with remnants of old rock in the toe area. 2005 - Brush boxes present. 2013 - Site extended upstream approximately 300 ft to include new erosion pockets. 2015: Minor new erosion at toe. [2015 Site ID: SAC_25-2_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_2\_20160223\_00002.jpg



USACE 2013 Photo #1

LM Start	1.22	Rating **	M	Issue No.	99
LM End	1.22	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.239327 °	38.239327 °
				-121.540190 °	-121.540190 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12573					
DS_ID:20852					
EP_NO: 11187					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - gap between 6-inch pipe and 10-inch pipe needs to be sealed.					
FIELD_STRUCT_DESC: A 6-inch steel pipe sleeved through 10-inch pipe through levee, 4.8 feet below crown. Pump on waterside of the levee on river bank. (ABO #11187 Machado).					
FS Date: 4/25/2013					

Photo 1 of 2 : UCIP\_SP\_2016\_12573\_20381.jpg



LS- 6-inch steel pipe on orchard.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	1.22	Rating **	M	Issue No.	99 (cont)	
LM End	1.22	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.239327 °	38.239327 °	
				-121.540190 °	-121.540190 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12573 DS_ID:20852 EP_NO: 11187 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - gap between 6-inch pipe and 10-inch pipe needs to be sealed. FIELD_STRUCT_DESC: A 6-inch steel pipe sleeved through 10-inch pipe through levee, 4.8 feet below crown. Pump on waterside of the levee on river bank. (ABO #11187 Machado). FS Date: 4/25/2013						

Photo 2 of 2 : UCIP\_SP\_2016\_12573\_20380.jpg



LS- 6-inch steel pipe sleeved through 10-inch steel pipe. 6" pipe is attached with air release valve.

LM Start	1.45	Rating **	M	Issue No.	5
LM End	1.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.240401 °	38.240772 °
				-121.544106 °	-121.546791 °
DWR ID	DWR_RD0556_02_s_2016_5				
Comment Code					
Inspector Comment					
1997 - Slow erosion of the berm at the waterline; bench below water. 2005 - Brush boxes present. 2010 - Minor new erosion. 2013 - There is little to no berm remaining at downstream end of this site. 2015: No observed changes. [2015 Site ID: SAC_24-8_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_5\_20160223\_00005.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.28	Rating **	U	Issue No.	1
LM End	2.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.237156 °	38.237156 °
				-121.557640 °	-121.557640 °
DWR ID	DWR_RD0556_02_f_2015_1				
Comment Code					
TR : Tree or limb					
Inspector Comment					
These unauthorized planted redwoods has been reported in the past inspections, the District need to have the owner remove them from the levee slope.					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_1\_20160223\_00001.jpg



RD 556 Unit 2 Levee mile 2.28 unauthorized planting of redwood trees planted on the slope.

LM Start	2.35	Rating **	U	Issue No.	33
LM End	2.35	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.236265 °	38.236265 °
				-121.557985 °	-121.557985 °
DWR ID	DWR_RD0556_02_s_2016_33				
Comment Code					
BU : Building					
Inspector Comment					
This building has no CVFPB Permit.					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_33\_20160512\_00058.jpg



Looking from levee mile 2.35 waterside at building placed on the waterside berm.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.42	Rating **	M	Issue No.	100
LM End	2.42	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235261 °	38.235261 °
				-121.558059 °	-121.558059 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12574					
DS_ID:20859					
EP_NO: 11181					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - Needs to clean CMP riser for proper functioning of siphon breaker.					
FIELD_STRUCT_DESC: A 10-inch steel irrigation pipe through levee, 5.8 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker and service pole on landward slope. (ABO #11181- Collins.). O&M Manual Sac 103, June 1954.					
FS Date: 4/25/2013					

Photo 1 of 2 : UCIP\_SP\_2016\_12574\_20388.jpg



WS- pump house on levee berm

LM Start	<b>2.42</b>	Rating **	M	Issue No.	<b>100 (cont)</b>
LM End	<b>2.42</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_12574\_20387.jpg



WS- pump, and gate valve in pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.47	Rating **	M	Issue No.	27
LM End	5.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.234418 °	38.192550 °
				-121.557940 °	-121.565230 °
DWR ID	DWR_RD0556_02_s_2016_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the wild growth from the waterside levee slope.					

No Photos

LM Start	2.69	Rating **	M	Issue No.	81
LM End	2.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.231465 °	38.231465 °
				-121.556490 °	-121.556490 °
DWR ID	DWR_RD0556_02_f_2015_81				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the dead tree fallen on the water side slope.					

No Photos

LM Start	2.70	Rating **	M	Issue No.	9
LM End	5.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.231444 °	38.193523 °
				-121.556393 °	-121.562812 °
DWR ID	DWR_RD0556_02_s_2012_9				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.84	Rating **	M	Issue No.	101
LM End	2.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.229524 °	38.229524 °
				-121.555404 °	-121.555404 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41713  
DS\_ID:20849  
EP\_NO: 11181  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: - Needs to clean siphon breaker CMP riser.  
FIELD\_STRUCT\_DESC: A 6-inch pipe through levee, 6.0 feet below crown. Pressure tank in pump house on waterward berm. Service pole, siphon breaker and distribution box on landward slope. (ABO #11181 - Collins.)  
FS Date: 4/25/2013

LM Start	<b>2.84</b>	Rating **	M	Issue No.	<b>101 (cont)</b>
LM End	<b>2.84</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_41713\_20284.jpg



WS- pump house on levee berm.

Photo 2 of 2 : UCIP\_SP\_2016\_41713\_20283.jpg



LS- siphon breaker in CMP riser on levee slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	2.93	Rating **	M	Issue No.	11
LM End	3.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.228202 °	38.226601 °
				-121.555502 °	-121.555605 °
DWR ID	DWR_RD0556_02_s_2016_11				
Comment Code					
Inspector Comment					
1997 - Few scallops in berm, some getting close to levee toe. 2005 - Brush boxes present. 2012 - More erosion of the toe since last year. 2015: No observed changes. [2015 Site ID: SAC_23-3_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_11\_20160223\_00009.jpg



USACE 2013 Photo #1

LM Start	3.07	Rating **	M	Issue No.	91
LM End	3.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12525 DS_ID:20862 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes. FIELD_STRUCT_DESC: A 9-inch steel pipe sleeved through 12-inch steel irrigation pipe through levee, 6.0 feet below crown. Pump on pile structure in stream. Steel walkway to pump, wood steps on waterward slope. Concrete spillbox with 2- 8 inch openings. (ABO #11193-Reid.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

Photo 1 of 2 : UCIP\_SP\_2016\_12525\_20290.jpg



WS- walkway, pump, and pipe on steel pile structure in the river.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	3.07	Rating **	M	Issue No.	91 (cont)
LM End	3.07	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.226225 °	38.226225 °
				-121.555236 °	-121.555236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12525 DS_ID:20862 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 9-inch steel pipe sleeved through 12-inch pipe.- needs to seal gap between two pipes. FIELD_STRUCT_DESC: A 9-inch steel pipe sleeved through 12-inch steel irrigation pipe through levee, 6.0 feet below crown. Pump on pile structure in stream. Steel walkway to pump, wood steps on waterward slope. Concrete spillbox with 2- 8 inch openings. (ABO #11193-Reid.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

Photo 2 of 2 : UCIP\_SP\_2016\_12525\_20289.jpg



WS- 9-inch pipe sleeved through 10 inch steel pipe.

LM Start	3.17	Rating **	M	Issue No.	10
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.224850 °	38.223233 °
				-121.555641 °	-121.555687 °
DWR ID	DWR_RD0556_02_s_2016_10				
Comment Code					
Inspector Comment					
2000 - Recently fallen cottonwood at the downstream end. 2005 - Empty brush boxes. 2011 - A few trees have fallen since last year. 2012 - Potential new tree popout since last year. 2013 - New erosion at downstream end of site and a recent tree pop-out observed. 2015: No observed changes. [2015 Site ID: SAC_23-2_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_10\_20160223\_00008.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

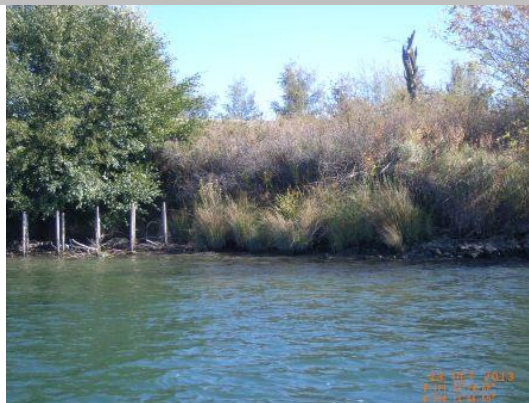
**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	3.58	Rating **	M	Issue No.	8
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.218951 °	38.218104 °
				-121.556689 °	-121.556819 °
DWR ID	DWR_RD0556_02_s_2016_8				
Comment Code					
Inspector Comment					
1997 - Scallops into berm and very close to levee toe. 2005 - Brush boxes present. 2011 - New toe scour and freshly fallen tree. 2012 - New tree popout has taken significant portion of soil out of the levee. 2015: No observed changes. [2015 Site ID: SAC_22-7_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_8\_20160223\_00007.jpg



USACE 2013 Photo #1

LM Start	3.95	Rating **	M	Issue No.	4
LM End	4.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.213581 °	38.211112 °
				-121.557197 °	-121.557042 °
DWR ID	DWR_RD0556_02_s_2016_4				
Comment Code					
Inspector Comment					
2002 - Spot rock along berm, but not in the erosion pockets. 2005 - Some new minor stone revetment at the upstream end. Brush boxes present. 2006 - Currently installing new brush in downstream brush boxes. 2007 - Rock in middle portion for about 150 ft. 2010 - Some attempt at repairs but still has pockets of erosion. 2012 - More erosion along the toe. 2015: No observed changes. [2015 Site ID: SAC_22-5_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_4\_20160223\_00004.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	3.99	Rating **	M	Issue No.	93
LM End	3.99	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.213031 °	38.213031 °
				-121.556800 °	-121.556800 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12543 DS_ID:20864 EP_NO: 11197 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Electric control panel in pump house.Needs cleaning of CMP riser on landside. FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee 6.5 feet below crown. Slanted pump on steel pile structure in the stream, walkway to the pump, and gate valve in pump house on waterward slope. Siphon breaker and service poles on landward slope. Concrete standpipe on landside. (ABO #11197- Souza.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

LM Start	3.99	Rating **	M	Issue No.	93 (cont)
LM End	3.99	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_12543\_20302.jpg



WS- pipe and pump on steel pile structure. Steel walkway from pump house to the pump on steel structure.

Photo 2 of 2 : UCIP\_SP\_2016\_12543\_20301.jpg



LS- siphon breaker in CMP riser and concrete standpipe behind CMP riser.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	4.26	Rating **	M	Issue No.	94
LM End	4.26	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.209117 °	38.209117 °
				-121.556803 °	-121.556803 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12545 DS_ID:20865 EP_NO: 11194 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - CMP riser found abandoned on LS slope. Due to dense vegetation siphon breaker could not be found.- Dense vegetation on both sides of the levee.- Oil leaks from pump set. FIELD_STRUCT_DESC: A 8-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pump house on waterward slope. Siphon breaker on landward slope. (ABO #11194- Robinson.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

LM Start	<b>4.26</b>	Rating **	M	Issue No.	<b>94 (cont)</b>
LM End	<b>4.26</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_12545\_20310.jpg



WS- pump house not visible due to the dense vegetation.

Photo 2 of 2 : UCIP\_SP\_2016\_12545\_20309.jpg



WS- pump house inside the dense vegetation.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	4.39	Rating **	M	Issue No.	40
LM End	4.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.207202 °	38.203693 °
				-121.556853 °	-121.556685 °
DWR ID	DWR_RD0556_02_s_2012_40				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	4.45	Rating **	M	Issue No.	7
LM End	4.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.206377 °	38.205729 °
				-121.557184 °	-121.557108 °
DWR ID	DWR_RD0556_02_s_2016_7				
Comment Code					
Inspector Comment					
2013 - Erosion pockets encroaching on levee foundation. 2015: No observed changes. [2015 Site ID: SAC_21-9_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_7\_20160223\_00006.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	4.54	Rating **	M	Issue No.	95
LM End	4.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.204974 °	38.204974 °
				-121.556789 °	-121.556789 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12546 DS_ID:20866 EP_NO: 11940 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - Abandoned crossing.- Siphon breaker on LS not found due to dense vegetation, - An abandoned CMP riser and service pole found on LS.- It may need to be properly abandoned. FIELD_STRUCT_DESC: Abandoned 6-inch pipe through levee, 6.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker and service pole on landward slope. (ABO # 11940-Robinson.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

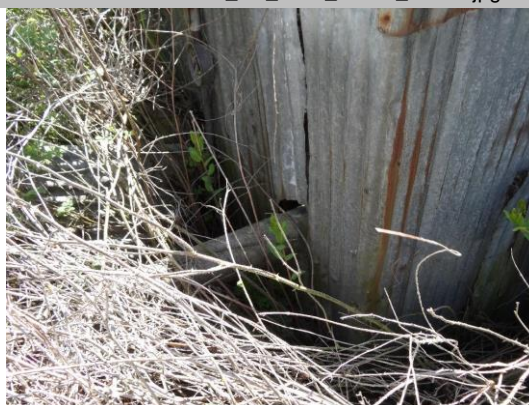
LM Start	<b>4.54</b>	Rating **	M	Issue No.	<b>95 (cont)</b>
LM End	<b>4.54</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_12546\_20314.jpg



WS- abandoned pump house on levee slope. Dense vegetation on levee slope.

Photo 2 of 2 : UCIP\_SP\_2016\_12546\_20313.jpg



WS- pipe daylight from levee slope to pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	4.63	Rating **	M	Issue No.	38
LM End	4.84	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.203693 °	38.200593 °
				-121.556683 °	-121.557208 °
DWR ID	DWR_RD0556_02_s_2012_38				
Comment Code					
FE : Fence					
Inspector Comment					
Remove this old fence from the levee section landside.					

No Photos

LM Start	4.73	Rating **	M	Issue No.	96
LM End	4.73	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.202301 °	38.202301 °
				-121.556952 °	-121.556952 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:12547 DS_ID:20867 EP_NO: 11199 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - pump, gate valve and pumphouse not found on waterward slope.- an abandoned electric control panel found on WS.- may need to be properly abandoned. FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee, 6.5 feet below crown. Siphon and concrete spill box with 2- 8 inch openings. (ABO #11199- Tokoyoshi.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013					

Photo 1 of 2 : UCIP\_SP\_2016\_12547\_20320.jpg



LS- obstructed siphon breaker in CMP riser on levee slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	4.73	Rating **	M	Issue No.	96 (cont)	
LM End	4.73	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.202301 °		38.202301 °
				-121.556952 °		-121.556952 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:12547 DS_ID:20867 EP_NO: 11199 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: - pump, gate valve and pumphouse not found on waterward slope.- an abandoned electric control panel found on WS.- may need to be properly abandoned. FIELD_STRUCT_DESC: A 6-inch steel irrigation pipe through levee, 6.5 feet below crown. Siphon and concrete spill box with 2- 8 inch openings. (ABO #11199- Tokoyoshi.). O&M Manual Sac 103, June 1954. FS Date: 4/25/2013						

Photo 2 of 2 : UCIP\_SP\_2016\_12547\_20319.jpg



LS- concrete distribution box near levee toe.

LM Start	4.77	Rating **	M	Issue No.	3
LM End	4.88	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.201687 °	38.200225 °
				-121.557305 °	-121.557749 °
DWR ID	DWR_RD0556_02_s_2016_3				
Comment Code					
Inspector Comment					
1999 - Downstream 140 ft repaired with rock. 2010 - Lots of woody debris, but no changes to site. 2015: Site extended upstream due to erosion pockets. [2015 Site ID: SAC_21-5_L]					

Photo 1 of 1 : SP\_2016\_RD0556\_19\_3\_20160223\_00003.jpg



USACE 2013 Photo #1

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	4.95	Rating **	M	Issue No.	97
LM End	4.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.199133 °	38.199133 °
				-121.557939 °	-121.557939 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:12564  
DS\_ID:20868  
EP\_NO: 11191  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: - needs to fix CMP riser.  
FIELD\_STRUCT\_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump on waterward slope, gate valve on berm. Siphon breaker and service pole on landward slope. (ABO #11191-Pacific Fruit Exchange.)  
FS Date: 4/25/2013

LM Start	<b>4.95</b>	Rating **	M	Issue No.	<b>97 (cont)</b>
LM End	<b>4.95</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_12564\_20347.jpg



WS- pump house on levee slope.

Photo 2 of 2 : UCIP\_SP\_2016\_12564\_20346.jpg



WS- pump, pipe and gate valve in pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	5.21	Rating **	U	Issue No.	98
LM End	5.21	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.195755 °	38.195755 °
				-121.560078 °	-121.560078 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:12570  
DS\_ID:20869  
EP\_NO: 11185  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: Large pit and erosion on WS levee berm.  
FIELD\_STRUCT\_DESC: A 8-inch pipe through levee, 5.7 feet below crown. Pump and gate valve in pumphouse on waterward slope. Siphon breaker, concrete box, and service pole on landward slope. (ABO # 11185- Langhart.)  
FS Date: 4/25/2013

LM Start	<b>5.21</b>	Rating **	U	Issue No.	<b>98 (cont)</b>
LM End	<b>5.21</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_12570\_20364.jpg



WS- pump house on levee slope

Photo 2 of 2 : UCIP\_SP\_2016\_12570\_20363.jpg



WS- pipe daylight from the levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0556 Upper Andrus**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	5.72	03/09/2016 03/09/2016	Herman Phillips

LM Start	5.40	Rating **	M	Issue No.	31
LM End	5.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.193760 °	38.193445 °
				-121.562458 °	-121.562895 °
DWR ID	DWR_RD0556_02_s_2012_31				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	5.45	Rating **	M	Issue No.	20
LM End	5.45	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.193391 °	38.193391 °
				-121.563159 °	-121.563159 °
DWR ID	DWR_RD0556_02_s_2012_20				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove the fallen tree from the waterside slope.					

No Photos

LM Start	5.58	Rating **	A/W	Issue No.	89
LM End	5.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.192550 °	38.191797 °
				-121.565233 °	-121.567565 °
DWR ID	DWR_RD0556_02_f_2015_89				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Reveg site.					

No Photos

<b>* Location</b>		<b>** Rating</b>		<b>+ Issue Type</b>	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	